

Form 1049 INFORMATION DISCLOSURE CITATION IN AN APPLICATION JUN 21 2004 (Use several sheets if necessary)	Docket Number (Optional) MTV-018.02	Application Number 10/033,175
	Applicant Seeberger, Peter H., et al.	
	Filing Date November 1, 2001	Group Art Unit 1623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
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	AO						
	AP						

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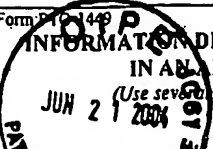
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Group Art Unit: 1623

S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
dm	AA 5,095,123	03/10/92	Sabesan	549	222	11/30/90
	AB 5,369,017	11/29/94	Wong et al.	435	68.1	02/04/94
	AC 5,374,655	12/20/94	Kashem et al.	514	540	07/14/92
	AD 5,516,665	05/14/96	Wong	435	97	09/13/93
	AE 5,716,812	02/10/98	Withers et al.	435	74	12/12/95
	AF 5,721,338	02/24/98	Imperiali et al.	530	317	12/07/95
	AG 5,728,554	03/17/98	Bayer et al.	435	97	04/11/95
	AH 5,759,823	06/02/98	Wong et al.	435	97	06/07/95
	AI 5,811,539	09/22/98	Seiffert-Stoeriko et al.	536	26.8	08/30/95
	AJ 5,922,577	07/13/99	Defrees et al.	435	97	04/10/96
	AK 5,952,203	09/14/99	Withers et al.	435	97	04/11/97
	AL 5,952,454	09/14/99	Kovac et al.	528	332	10/30/98
	AM 5,994,502	11/30/99	Imperiali et al.	530	344	08/19/97
	AN 6,013,779	01/11/00	Wong et al.	536	18.6	03/18/97
	AO 6,022,713	02/08/00	Noguchi et al.	435	89	11/14/97
	AP 6,030,815	02/29/00	Defrees et al.	435	97	04/10/96
dm	AQ 6,077,695	06/20/00	Nilsson	435	84	07/13/95

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
dm	AR WO 96/24683	08/15/96	PCT	-	-		X
	AS WO 96/32491	10/17/96	PCT	-	-		X
	AT WO 98/46784	10/22/98	PCT	-	-		X
	AU WO 99/ 28491	06/10/99	PCT	-	-		X
	AV WO 99/47694	09/23/99	PCT	-	-		X
	AW WO 99/47695	09/23/99	PCT	-	-		X
dm	AX WO 00/20428	04/13/00	PCT	-	-		X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

dm	AY	Hashimoto et al.; "Oligosaccharide Synthesis Based on Glycosyl Donors and Acceptors Carrying Phosphonate Containing Leaving Groups", Tetrahedron Letters 38 (29): 5181-5184 (1997).
dm	AZ	Morales et al.; "Carbohydrate- Carbohydrate Interactions in Water with Glycophanes as Model Systems", J. Org. Chem. 63: 9212-9222 (1998).

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di	BA	Torgov et al., "Synthesis of Oligosaccharide Fragments of the Repeating Unit and Conversion of the Oligosaccharides Into the Glycosyl Phosphates", Carbohydr. Res. 161: 97-112 (1987).
	BB	Plante and Seeberger; "Anomeric Phosphorodithioates as Novel Glycosylating Agents", J. Org. Chem. 63: 9150-9151 (1998).
	BC	Seeberger et al., "Synthesis of Biologically Important Oligosaccharides and Other Glycoconjugates by the Glycal Assembly Method", Aldrichimica Acta 30 (3): 75-92 (1997).
	BD	Zheng et al., "Solid Support Oligosaccharide Synthesis: Construction of β -Linked Oligosaccharides by Coupling of Glycal Derived Thioethyl Glycosyl Donors", J. Org. Chem. 63: 1126-1130 (1998).
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de	BE 4,785,084	11/15/88	Warren et al.	536	17.9	07/31/86
de	BF 5,095,123	03/10/92	Sabesan	549	222	11/30/90
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de	BG	Chen, et al. "Glycosyl Phosphoramidimides As Versatile Glycosyl Donors", Heterocycles, 45(7): 1247-1250 (1997)				
	BH	Hashimoto, et al.; "Armed Diarmed" Glycosidation Strategy Based on Glycosyl Donors and Acceptors Carrying Phosphoramidate as a Leaving Group: A Convergent Synthesis of Globotriaosylceramide", Tetrahedron Letters 38 (52): 8969-8972 (1997).				
	BI	Hashimoto, et al.; "A Rapid and Efficient Synthesis of 1,3- trans- β -Linked Glycosides via Benzyl- or Benzoyl-Protected Glycopyranosyl Phosphates", J. Chem. Soc. Chem. Commun. pp. 685-687 (1989).				
	BJ	Laupichler, et al.; "Convenient Iodonium-Promoted Stereoselective Synthesis of 2-Deoxy- α -glycosides by Use of S-(2-Deoxyglycosyl) Phosphorodithioates as Donors", Synthesis, pp.1133-1136 (November 1992).				
	BK	Liang, et al.; "Parallel Synthesis and Screening of a Solid Phase Carbohydrate Library", Science, 274 : 1520-1522 (November 29, 1996).				
	BL	Paulsen et al.; "Synthese Von DD-Heptosephosphaten als Substrate oder Potentielle Inhibitoren für die Heptose-Synthetase", Liebigs Ann. Chem. pp. 389-397 (1994)				
	BM	Plante and Seeberger; "Anomeric Phosphorodithioates as Novel Glycosylating Agents", J. Org. Chem. 63 : 9150-9151 (1998).				
	BN	Timmers, et al. "An Expeditious Route to Streptococci and Enterococci Glycolipids VLA Ring-Opening of 1,2 - Anhydrosugars", J. Carbohydrate Chemistry 17 (3): 471-487 (1998).				
de	BO	Watanabe, et al.; "Dibenzyl Phosphorofluoridate, A New Phosphorylating Agent", Tetrahedron Letters 29 (45) pp. 5763-5764 (1988).				
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